C01121943

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EXEMPT from automatic declassification por E.O. 11652, Sec. 5(E)(2)
TURNER, CIA 28 JAN 1978
Name Agency Date
A, 2020
Reason Review on:
CIA-4 091

1. (a). Examine through powerful beam of light directed on surface at different angles.

   (b). Photograph excluding certain rays of light.

2. Expose to daylight for one or two hours. Discloses salts of Gold and Silver.

3. Dust a little powdered Charcoal over the surface and brush off well. Discloses parafine.

4. Run a warm iron over the surface. Discloses Sugar and sulphuric acid; Nickel Chloride and Nitrate; Cobalt Chloride or Nitrate; Copper Bromide or Copper sulphate and Potassium Bromide; Copper Chloride; the juice of Lemons, Onions, Leek, Cabbage, Artichoke.

5. Run a hot iron over the surface being careful not to scorch the paper. Discloses Potassium Hydroxide; Sulphuric acid; Potassium Nitrate; Copper Nitrate.

6. Wet with water. Discloses Camphor; mixture of Linseed oil, ammonia and water.

7. Expose to Hydrogen Sulphide gas or add a little water saturated with it. Discloses Lead Acetate; Compounds of Antimony; of Arsenic; of Tin.

8. Dry in the air and wet with ammonia water. Discloses Mercury and Copper Salts.

9. Add a little Hydrogen Sulphide water to the part wet with ammonia. Discloses Iron; Antimony; Tin; Copper.

10. Rinse with water and dry in the air.

11. Wet with a solution of Iron Sulphate. Discloses Gallic acid Potassium Ferrocyanide.

12. To another part of the paper add a little solution of Potassium Ferrocyanide, or tannin, Discloses Iron Salts.

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APPROVED FOR RELEASE DATE: 31-Mar-2011

AW 24049

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6. Wet with water. Discloses Camphor; mixture of Linseed oil, ammonia and water.

7. Expose to Hydrogen Sulphide gas or add a little water saturated with it. Discloses Lead Acetate; Compounds of Antimony; of Arsenic; of Tin.

8. Dry in the air and wet with ammonia water. Discloses Mercury and Copper Salts.

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MW24049

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NW 4045

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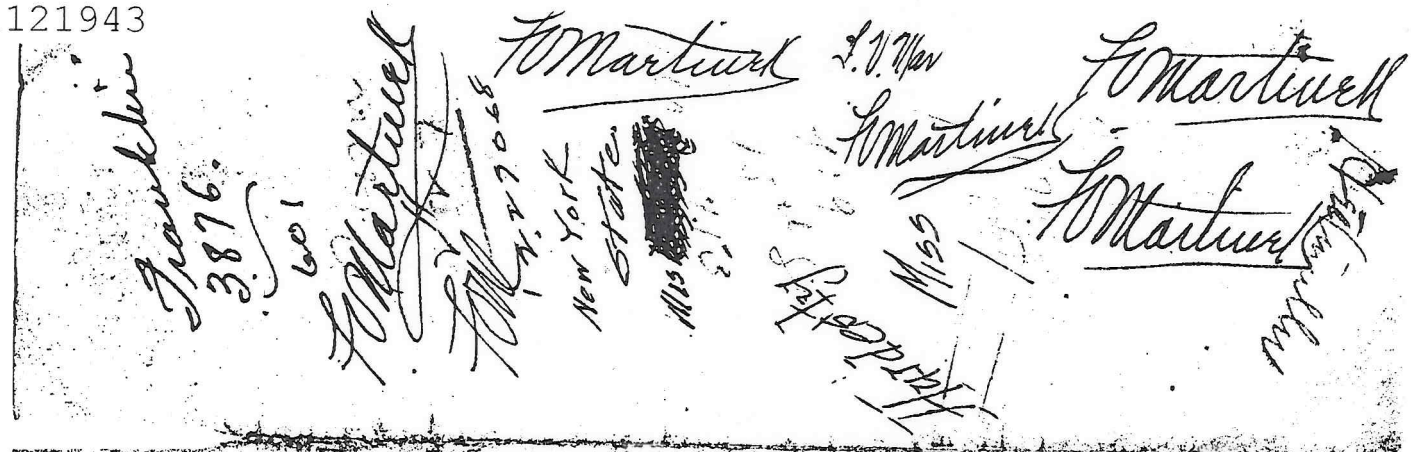
Franklin
3876.
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C01121943

How to open sealed letter - without detection

Mix 6 - drams copper acetyl arsenite
3 - ounces acetone
and add
1 pint amyl alcohol (fusil - oil)

Heat on water bath -- steam rising will dissolve the sealing material of its mucilage, wax or oil.
Do not inhale fumes.

Ink -- Tetra Chlorfluorone ($C_6Cl_4O_2$)
Pyrozin and Corallin in combination with Stannic and Stannous salts.

{ Selenium and Tellurium salts to generate $= H_2Se$ and H_2Te and Uranium compounds (Nitrates)

To be written with a sympathetic ink to impregnate plain typewriter ribbons which are to be used on a specially made typewriter machine with rubber composition type.

MM24049

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"Acetate of Lead "Writing 10 ~~grains~~ mo of Proto sulphate of Iron (F e S 2) in weak solution of H2 S04 in a dish. Hold papers over this and the writing becomes visible. (1)

Hydrogen Selenate ($H_2 Se O_4$)
Hydrogen Tellurate ($H_2 Te O_4$) (2)

Uranyl acetate ($UO_2(C_2 H_3 O_2)$ + H, O + H2O
and Ammonium Phospho-Molybdate ($3(NH_4)_2 OP_2 05$ 22 MoO_3 12 $H_2 O$) (3)

Cobalt Nitrate
Potassium--Ferro Cyanide Dev. Ferric Chloride & Oxalic Acid. (4)

Arsenite of Potash
Sodium Tungstate Solution Dev. Nitrate of Copper, Iron, Protosulphid and Hydrocloric Acid (5)

How to open sealed letters without detection.

Mix 5 ~~dragms~~ copper acetol arsenate. (6)
3 ounces acetone
and add
1 pint amyl alcohol (fusil-oil)
Heat in water bath--Steam rising will dissolve the sealing material of its mucilage, wax or oil.
Do not inhale fumes.

Tetra chlorgunone ($C_6 Cly O_2$) (7)
Tyrosin and Corallin in combination with ~~stannous~~ and ~~stanrous~~ salts.

Stannic

Selenium and Tellurium salts (8)
to generate = $H_2 Se$ and $H_2 Te$ and
Uranium compounds

To be written with a sympathetic ink to impregnate plain typewriter ribbon which is to be used on a specially made typewriter machine with rubber composition type. (9)

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